UK Joint Operations Picture (JOP) Overview

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UK JOP Implementation Team Leader

Joint Operations Picture - Definition

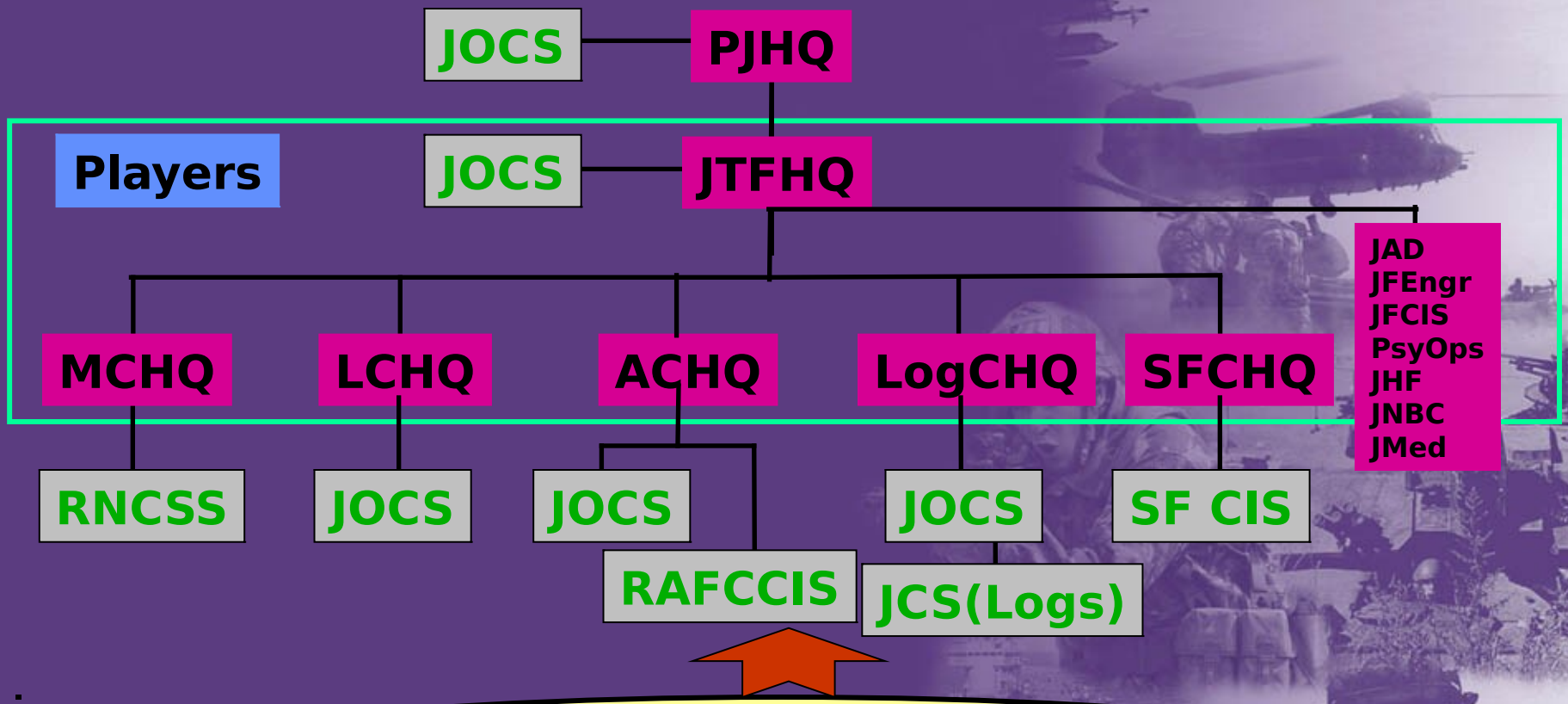
"The total set of shared information on a particular operation, or Joint Operations Area, available through a secure information environment on CIS networks to support situational awareness and decision-making by UK commanders, and to facilitate information sharing with allies and partners."

2* Endorsed Policy 15 Jan 03

Original JOP IOC Deliverables

- Virtual Knowledge Bases
- Recognised Maritime Picture (RMP)
- Recognised Air Picture (RAP)
- Recognised Land Picture (RLP)
- Recognised Theatre Logistics Picture (RTLP)

EX JOINT VENTURE 04



VKBs

MIDB, DEWDB
ROE, Janes....

RMP... **RLP...** **RAP...** **RTLP....**
REP...

Actual Progress To Date

- ~~VKBs~~ JOPWeb
  - + Common look & feel portals with cross-system web browsing
- RMP
- RAP/Air Situation Display (ASD)
  - + RAP available to all HQs (via RAFCCIS)
  - + ASD (JOCS/RNCSS)
- RLP
- RTLP

Plus …

An initial Joint Intelligence Picture (JIP)

An initial Recognised Environmental Picture (REP)

A cross-system chat capability

ADOCS demonstrated and used for BM/JF/TST

JOP STATUS

As at 10 Dec 04

COMMANDERS' CONTRIBUTIONS		
JOPWeb (Incl x-system capability)	G	
JIP	G	Management processes still being developed
RMP	G	
RAP / ASD	A →	
RLP	G	
RTLP	G	
REP	G	
COLLABORATIVE TOOLS		
CHAT (Sametime & NetMeeting)	G	Good uptake (JOCS/RNCSS NetMeeting inop)
ADOCS	G	Enthusiastic uptake

Key Findings

- JOPWeb significantly enhanced shared situational awareness
- Increased levels of collaboration across Force
- Commanders noticed more robust and effective decision-making
- Overall effectiveness improved with the use of the JOP
- The concept is viable, with some elements of capability ready to be deployed to an operational theatre

Key Findings

But

- **Approach to security & accreditation currently limiting development**
- **IM / IX SOPs require attention**
- **Concerns over usability of picture creation/management tools and coherence of processes**
- **Robustness not yet evident across all areas**

Key Recommendations (1)

- Develop a Network approach to Security & Accreditation
- Deliver a more robust interoperability solution
- Refine IM / IX directives / SOPs with PJHQ/JFHQ J3 lead
- Promote usability of key picture creation/management tools & processes

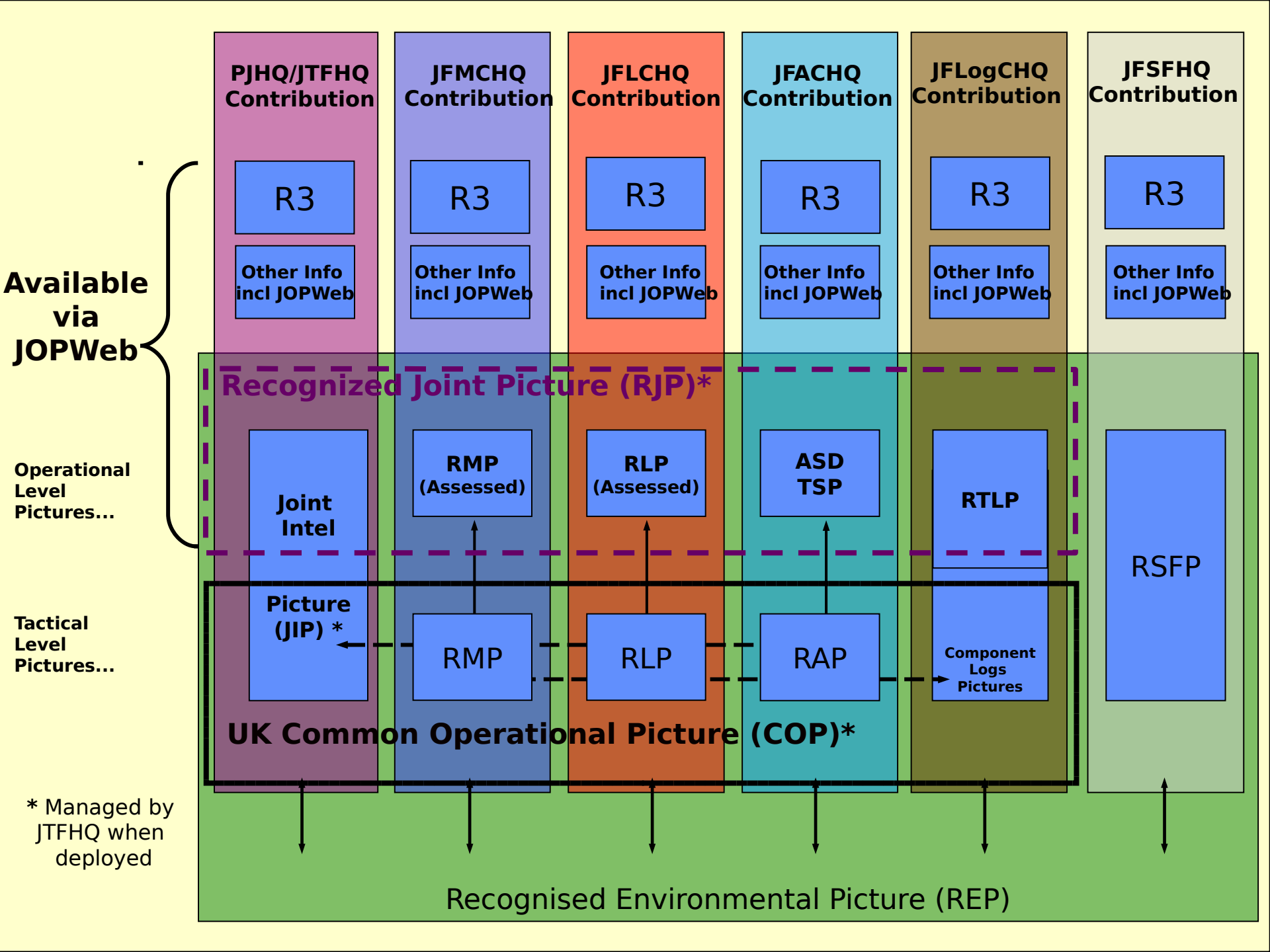
Key Recommendations (2)

- Improve individual, specialist & team training
- Provide JOCS hardware for key Land, Air & Logs formations
- Campaign Planning and TST/Joint Fires/Battlespace Management applications as Quick Wins
- Make available high quality peripherals to support visualisation
- Migrate elements of the JOP to current Ops

Milestone Events for 05

- NITEworks LTP 05 theme – Apr 05
- Ex JOINT VENTURE 05 - May 05
- NITEworks JIP theme – Q2 to Q3 05
- JOP Deployment to an Operational Theatre – Q3 05
- Ex ARRCADE FUSION 05 – Oct 05
- Ex NORDIC SHIELD (Ex NS05) – Nov/Dec 05

JOP Development Issues


PJHQ/JTFHQ Contribution
JFMCHQ Contribution
JFLCHQ Contribution
JFACHQ Contribution
JFLogCHQ Contribution
JFSFHQ Contribution
R3
Other Info incl JOPWeb
Available via JOPWeb
Recognized Joint Picture (RJP)*
Operational Level Pictures...
Joint Intel
RMP (Assessed)
RLP (Assessed)
ASD TSP
RTLP
RSFP
Tactical Level Pictures...
Picture (JIP) *
RMP
RLP
RAP
Component Logs Pictures
UK Common Operational Picture (COP)*
* Managed by JTFHQ when deployed
Recognised Environmental Picture (REP)

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Print Edit Discuss

Address http://sa.md6.jcs-gs1.smil.uk/internal/Exercises/Joint_Venture/JTFHQ/filter.cgi?filename=home.html&header=header.footer.html&postprocess=true Go Links

JTFHQ

HQ JSFOR

Ex Joint Venture 04 - Op MANACLE

MD6

Please enter search text GO

Mod Dialling Code | Mail to LCHQ | Send all e-mail for LCHQ to: MD5-XJLC-1DIV-MAILBOX-GS1

PJHQ LCC MCC ACC LOGCC LINKS

Configuration
EDIT
SETUP

Folders

References
MISSION SUPPORT
MATERIAL
CONTACTS LIST
USER GUIDES
HELP/FAQ
JLIDS

Threat State
AMBER

What's New

MORE DETAIL

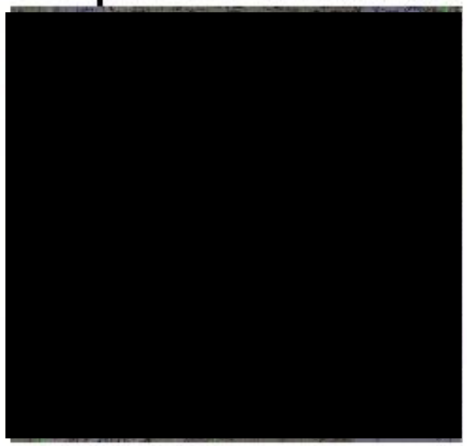
Since: 06-Dec-2004 17:36

25 results

Title

- RollingBrief
- 041206-6Dec_Cmd_Evening_Brf-R-SO2OpsCoord
- 041206 6Dec Cmd Evening Brf
- 041206-JV04-VIP Visit Programme for 7 Dec 04-SO3_J3_Pcol-32-R4
- 041206 FRAGO 022 OpRes S
- 041206-FRAGO_022
- 041206 SINCREP 019 R

Operational Pictures



Latest

ASSESSREP
DOWNREP
INTSUM
PERSREP
SINCREP
FID
Environment

Security

FP Alert State
ROE

Situation

Red Cell Product
Assessrep-JFMCC
Assessrep-JFLCC
Assessrep-JFACC
Assessrep-JFLogC
Battle Rhythm
Directives
Campaign Directive
FRAGOs
OPLANS
Op Orders
Mission Critical Equipment

Media Lines to Take
Mission Analysis
Presentations
Redeployment Instr
R3 Conduct Matrix
Visit Programme
War Diary

Jt Force Elements

JFCIS/NETCEN
JFEngr

Real Life Support

Daily Orders/Notices
Forces Protection Plan
IM Instructions
Standing Orders
CIS Directory
World News
Cormorant Tel User Guide

GMT 21:59:52 Theatre Time 21:59:52

Lt Cdr S Thomas, OpsCoord IM SO2, 1901064

Land Component HQ Web - Microsoft Internet Explorer provided by EDS Defence Ltd

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Print Edit Discuss

Address http://sa.md5.jcs-gs1.smil.uk/internal/Exercises/Joint_Venture/JFLCHQ/filter.cgi?filename=home.html&header=header.footer.html&postprocess=true

Go

JFLCHQ

HQ 1 (UK) ARMD DIV

Ex Joint Venture 04 - Op MANACLE

MD5

Please enter search text GO

1930Z DEC 04 @ G3 Ops JOPWeb New REP site - click this link or Environment Update

PJHQ JTFHQ MCC ACC LOGCC LINKS

Configuration
EDIT
SETUP

Folders
- Arty
- Briefings
- ConPlan
- Current_Sitn
- Current_Sitn_O
- Directives
- DSG
- Engr
- FragO
- G1_Personnel
- G2_Intelligence
- G3_Media
- G3_Ops
- G4_Log_ES
- G4_Med
- G6_CIS
- G8_Fin
- G9_CIMIC
- G9_LEGAD
- G9_POLAD
- Jt Force HQ Do
- Movement_Orc
- Operational_Pi
- OpO
- OpPlan
- OSG
- OSG_Tgts
- R2_FromBelow
- Reference_Dat
- Snapshots
- Wng O

What's New

MORE DETAIL

Since: 06-Dec-2004 17:36

24 results

Title

- 041206_R_06120401800_G2_Intsum12
- L-G3Ops-23JafBdeDisp-LYR
- 041206_FRAGO_022_04_R_PSYOPS
- 041206_ANNEX_A_FRAGO_022_04_R_PSYOPS1
- L_ENGROPS_OBST061800_LYR
- 041206-LC-CASREP-R-SO2G1PS
- 041206-HQLC-PERSREP-R-SO2G1PS
- 041130 C LCCCFMOPO002MB SO2G3Plans-1 (2)

Operational Pictures

Latest
ASSESSREP
DOWNREP
INTSUM
SINCREP
Environment

Security
NBCD State
FP Alert State

Internal
Battle Rhythm
Campaign Directives
FragOs
ConPlans
Warning Orders
Op Orders
SINCREP Log
Staffing Issues
OpPlans
Visit Programme

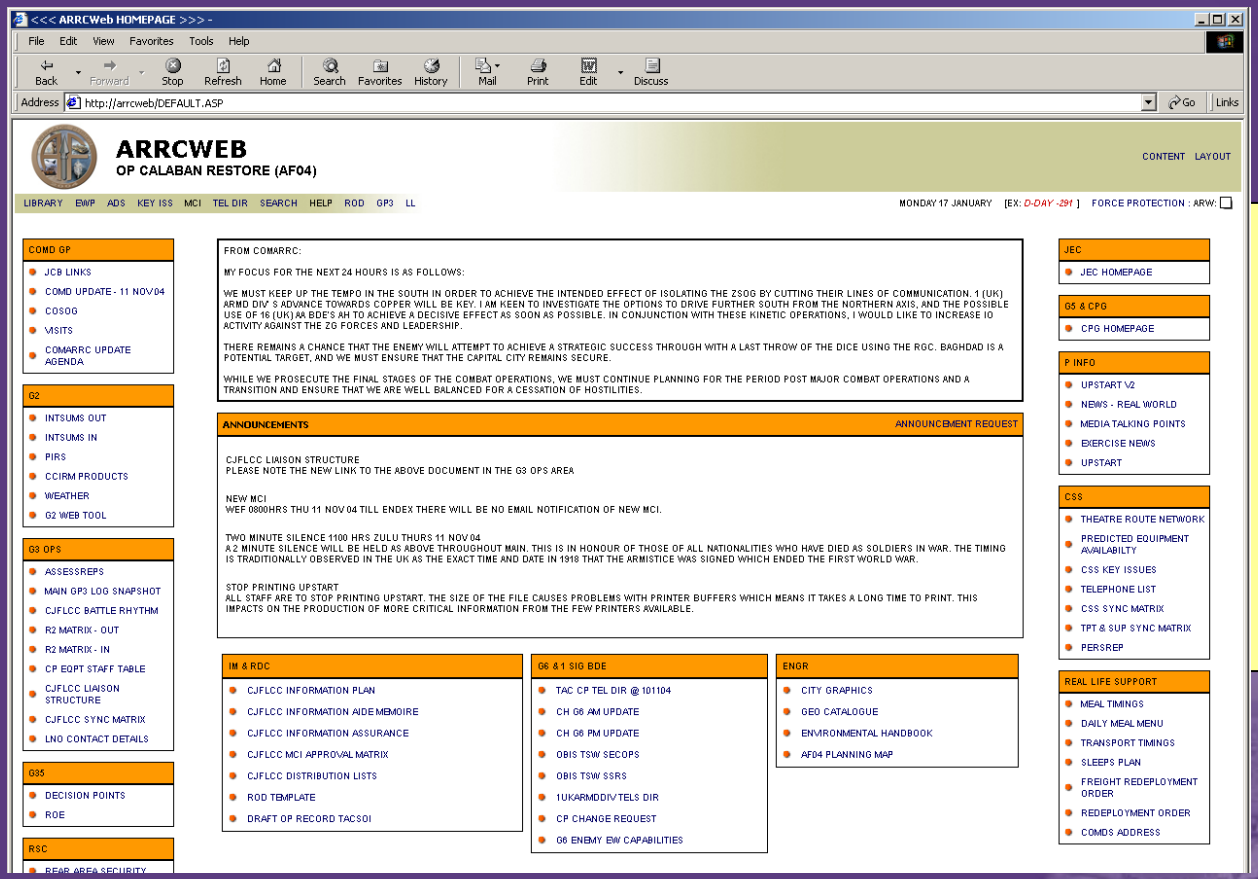
External
Media Lines to Take
Briefings
Current Situation
Rolling Brief

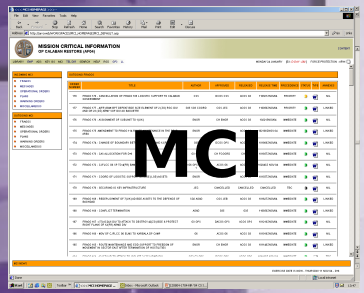
Real Life Support
Daily Orders/Notices
IM Instructions
Standing Orders
Telephone Directory
World News
Cormorant Telephone User Guide

GMT 22:05:32 Theatre Time 22:05:32

Web Manager: WO2 W. Betts

ARRCWeb


ARRCWEB
OP CALABAN RESTORE (AF04)
CONTENT LAYOUT
LIBRARY EWP ADS KEY ISS MCI TEL DIR SEARCH HELP ROD GP3 LL
MONDAY 17 JANUARY [EX: D-DAY -29†] FORCE PROTECTION : ARW:
COMD GP
JCB LINKS
COMD UPDATE - 11 NOV04
COSOG
VISITS
COMARRC UPDATE AGENDA
G2
INTSUMS OUT
INTSUMS IN
PIRS
CCIRM PRODUCTS
WEATHER
G2 WEB TOOL
G3 OPS
ASSESSREPS
MAIN GP3 LOG SNAPSHOT
CJFLCC BATTLE RHYTHM
R2 MATRIX - OUT
R2 MATRIX - IN
CP EQPT STAFF TABLE
CJFLCC LIAISON STRUCTURE
CJFLCC SYNC MATRIX
LNO CONTACT DETAILS
G35
DECISION POINTS
ROE
RSC
REAR AREA SECURITY
FROM COMARRC:
MY FOCUS FOR THE NEXT 24 HOURS IS AS FOLLOWS:
WE MUST KEEP UP THE TEMPO IN THE SOUTH IN ORDER TO ACHIEVE THE INTENDED EFFECT OF ISOLATING THE 2SOG BY CUTTING THEIR LINES OF COMMUNICATION. 1 (UK) ARMD DIV' S ADVANCE TOWARDS COPPER WILL BE KEY. I AM KEEN TO INVESTIGATE THE OPTIONS TO DRIVE FURTHER SOUTH FROM THE NORTHERN AXIS, AND THE POSSIBLE USE OF 16 (UK) AA BDE'S AH TO ACHIEVE A DECISIVE EFFECT AS SOON AS POSSIBLE. IN CONJUNCTION WITH THESE KINETIC OPERATIONS, I WOULD LIKE TO INCREASE IO ACTIVITY AGAINST THE ZG FORCES AND LEADERSHIP.
THERE REMAINS A CHANCE THAT THE ENEMY WILL ATTEMPT TO ACHIEVE A STRATEGIC SUCCESS THROUGH WITH A LAST THROW OF THE DICE USING THE RGC. BAGHDAD IS A POTENTIAL TARGET, AND WE MUST ENSURE THAT THE CAPITAL CITY REMAINS SECURE.
WHILE WE PROSECUTE THE FINAL STAGES OF THE COMBAT OPERATIONS, WE MUST CONTINUE PLANNING FOR THE PERIOD POST MAJOR COMBAT OPERATIONS AND A TRANSITION AND ENSURE THAT WE ARE WELL BALANCED FOR A CESSATION OF HOSTILITIES.
ANNOUNCEMENTS
ANNOUNCEMENT REQUEST
CJFLCC LIAISON STRUCTURE
PLEASE NOTE THE NEW LINK TO THE ABOVE DOCUMENT IN THE G3 OPS AREA
NEW MCI
WEF 0800HRS THU 11 NOV 04 TILL ENDEX THERE WILL BE NO EMAIL NOTIFICATION OF NEW MCI.
TWO MINUTE SILENCE 1100 HRS ZULU THURS 11 NOV 04
A 2 MINUTE SILENCE WILL BE HELD AS ABOVE THROUGHOUT MAIN. THIS IS IN HONOUR OF THOSE OF ALL NATIONALITIES WHO HAVE DIED AS SOLDIERS IN WAR. THE TIMING IS TRADITIONALLY OBSERVED IN THE UK AS THE EXACT TIME AND DATE IN 1918 THAT THE ARMISTICE WAS SIGNED WHICH ENDED THE FIRST WORLD WAR.
STOP PRINTING UPSTART
ALL STAFF ARE TO STOP PRINTING UPSTART. THE SIZE OF THE FILE CAUSES PROBLEMS WITH PRINTER BUFFERS WHICH MEANS IT TAKES A LONG TIME TO PRINT. THIS IMPACTS ON THE PRODUCTION OF MORE CRITICAL INFORMATION FROM THE FEW PRINTERS AVAILABLE.
IM & RDC
CJFLCC INFORMATION PLAN
CJFLCC INFORMATION AIDE MEMOIRE
CJFLCC INFORMATION ASSURANCE
CJFLCC MCI APPROVAL MATRIX
CJFLCC DISTRIBUTION LISTS
ROD TEMPLATE
DRAFT OP RECORD TACSOI
G6 &1 SIG BDE
TAC CP TEL DIR @ 101104
CH G6 AM UPDATE
CH G6 PM UPDATE
OBIS TSW SECOPS
OBIS TSW SSRS
1UKARMDDIV TELS DIR
CP CHANGE REQUEST
G6 ENEMY EW CAPABILITIES
ENGR
CITY GRAPHICS
GEO CATALOGUE
ENVIRONMENTAL HANDBOOK
AF04 PLANNING MAP
JEC
JEC HOMEPAGE
G5 & CPG
CPG HOMEPAGE
P INFO
UPSTART V2
NEWS - REAL WORLD
MEDIA TALKING POINTS
EXERCISE NEWS
UPSTART
CSS
THEATRE ROUTE NETWORK
PREDICTED EQUIPMENT AVAILABILITY
CSS KEY ISSUES
TELEPHONE LIST
CSS SYNC MATRIX
TPT & SUP SYNC MATRIX
PERSREP
REAL LIFE SUPPORT
MEAL TIMINGS
DAILY MEAL MENU
TRANSPORT TIMINGS
SLEEPS PLAN
FREIGHT REDEPLOYMENT ORDER
REDEPLOYMENT ORDER
COMDS ADDRESS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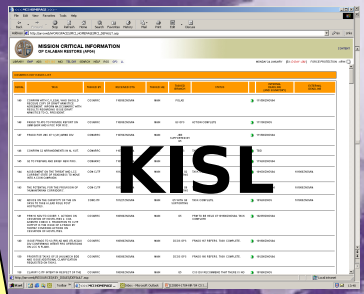
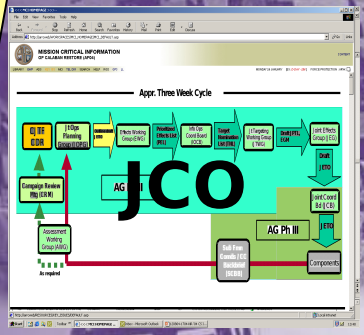
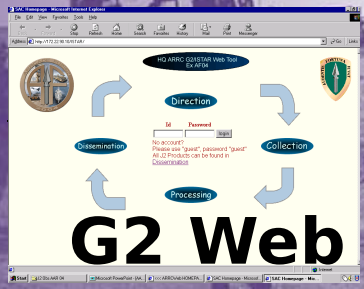

KISL


Appr. Three Week Cycle
JCO


Direction
Collection
Processing
Dissemination
G2 Web

MISSION CRITICAL INFORMATION
OP CALABAN RESTORE (AF04)

INCOMING MCI

- FRAGOS
- MESSAGES
- OPERATIONAL ORDERS
- PLANS
- WARNING ORDERS
- MISCELLANEOUS

OUTGOING MCI

- FRAGOS
- MESSAGES
- OPERATIONAL ORDERS
- PLANS
- WARNING ORDERS
- MISCELLANEOUS

OUTGOING FRAGOS

ORDER NUMBER	TITLE	AUTHOR	APPROVED	RELEASED	RELEASE TIME	PRECEDENCE	STATUS	TYPE	ANNEXES
178	FRAGO 178 - CANCELLATION OF FRAGO 109 LOGISTIC SUPPORT TO CALABAN GOVERNMENT	CSS	DCOS CSS	ACOS G3	110921ZNOV04	PRIORITY			NIL
177	FRAGO 177 - 4(FR) BAM BPT DEFEAT BDE SIZE ELEMENT OF 2 (ZG) RGC DIV AND OR 23 (ZG) ARMY SOF DIV AO BAGUETTE	G35 SO3 COORD	COS JEC	ACOS G3	110050ZNOV04	PRIORITY			LINKED
176	FRAGO 176 - ASSIGNMENT OF SUBUNIT TO 1(UK)	ENGR	CH ENGR	ACOS G3	102215NOV04	IMMEDIATE			NIL
175	FRAGO 175 -AMENDMENT TO FRAGO 114 ROUTE MAINTENANCE IN THE REAR AREA	ENGR	CH ENGR	ACOS G3	102100ZNOV 04	IMMEDIATE			LINKED
174	FRAGO 174 - CHANGE OF BOUNDARY BETWEEN 1(UK) AD AND 12(FR) AD	G35	DCOS OPS	ACOS G3	101808ZNOV04	IMMEDIATE			LINKED
173	FRAGO 173 - CAS ALLOCATION FOR D+6	G3 OPS	CH FCOORD	CH TIO	101857ZNOV04	IMMEDIATE			NIL
172	FRAGO 172 - CJFLCC G6 SP TO 4(FR) BAM	SO G6 OPS COORD 1	ACOS G6	ACOS G3	102043Z NOV 04	IMMEDIATE			NIL
171	FRAGO 171 - COORD OF LOGISTIC SUPPORT BRIDGE (LSB) ASSETS	ENGR	CH ENGR	ACOS G3	101557ZNOV04	IMMEDIATE			NIL
170	FRAGO 170 - SECURING IO KEY INFRASTRUCTURE	JEC	CANCELLED	CANCELLED	CANCELLED	TBC			NIL
169	FRAGO 169 - REDEPLOYMENT OF 7(UK) AD BDE ASSETS TO THE DEFENCE OF BAGHDAD	SO2 AOAD	COS JEB	ACOS G3	101627ZNOV04	IMMEDIATE			LINKED
168	FRAGO 168 - CONFLICT TERMINATION	AOAD	G35	G35	110850ZNOV04	IMMEDIATE			LINKED
167	FRAGO 167 - (IT) ACQUI DIV TO ATTACK TO DESTROY 42(ZG) BDE & PROTECT RIGHT FLANK OF 12(FR) ARMD DIV	G3 OPS	DACOS OPS	ACOS OPS	101210ZNOV04	IMMEDIATE			NIL
166	FRAGO 166 - MOV OF CJFLCC G6 ELMS TO KARBALA DP CAMP	G6	ACOS G6	ACOS G3	101018ZNOV04	IMMEDIATE			NIL
165	FRAGO 165 - ROUTE MAINTENANCE AND EOD SUPPORT TO FREEDOM OF MOVEMENT IN SECTOR EAST AFTER TERMINATION OF HOSTILITIES	ENGR	CH ENGR	ACOS G3	101140ZNOV04	IMMEDIATE			LINKED

MCI NEWS

EXERCISE DATE IS NOW - THURSDAY 11 NOV 04 - D+6

Done

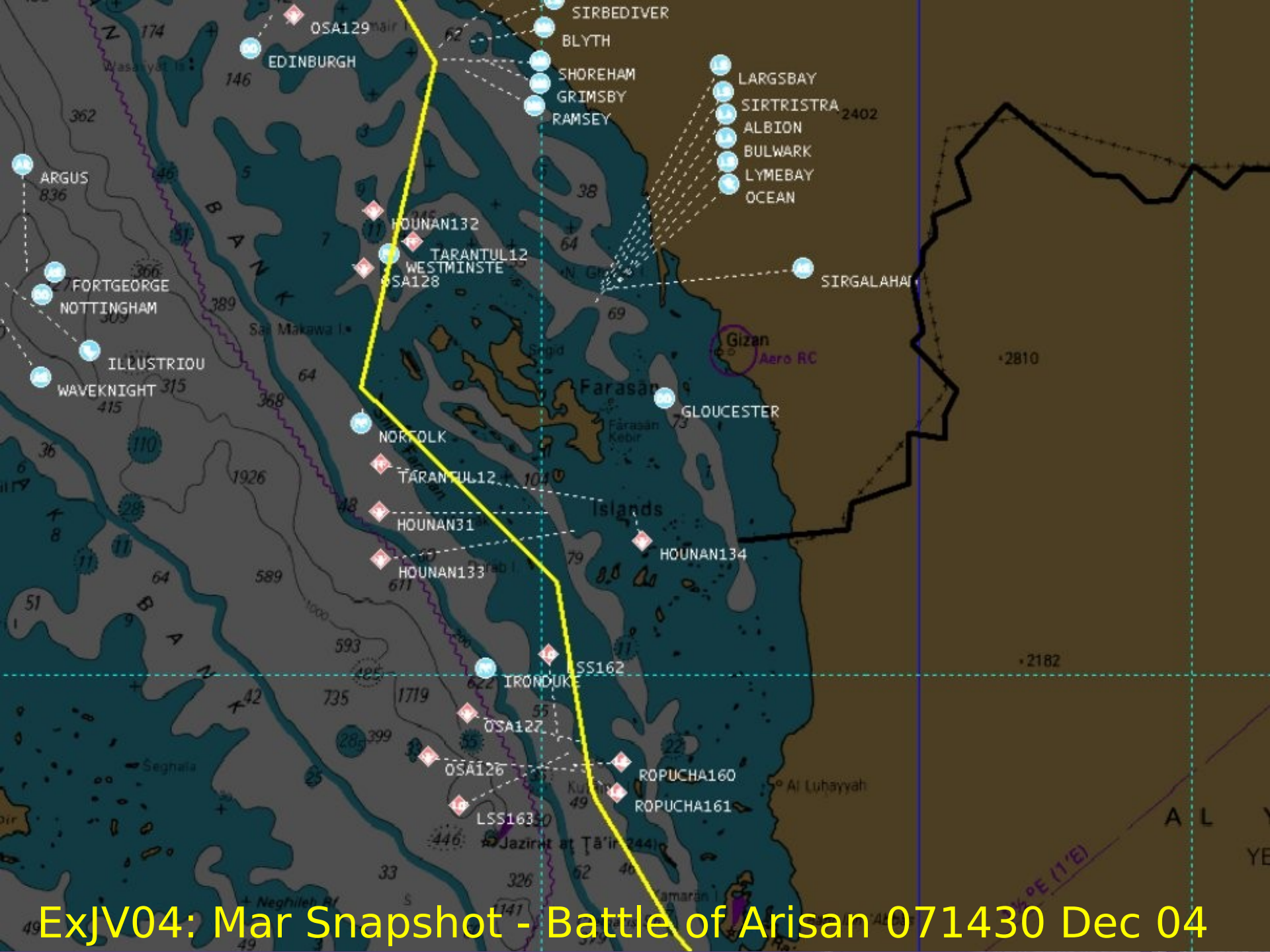
Local intranet

Start Toolbar <<< MCI HOMEPAGE ... Inbox - Microsoft Outlook 120804-1704-NR-'04 CS I... 13:47

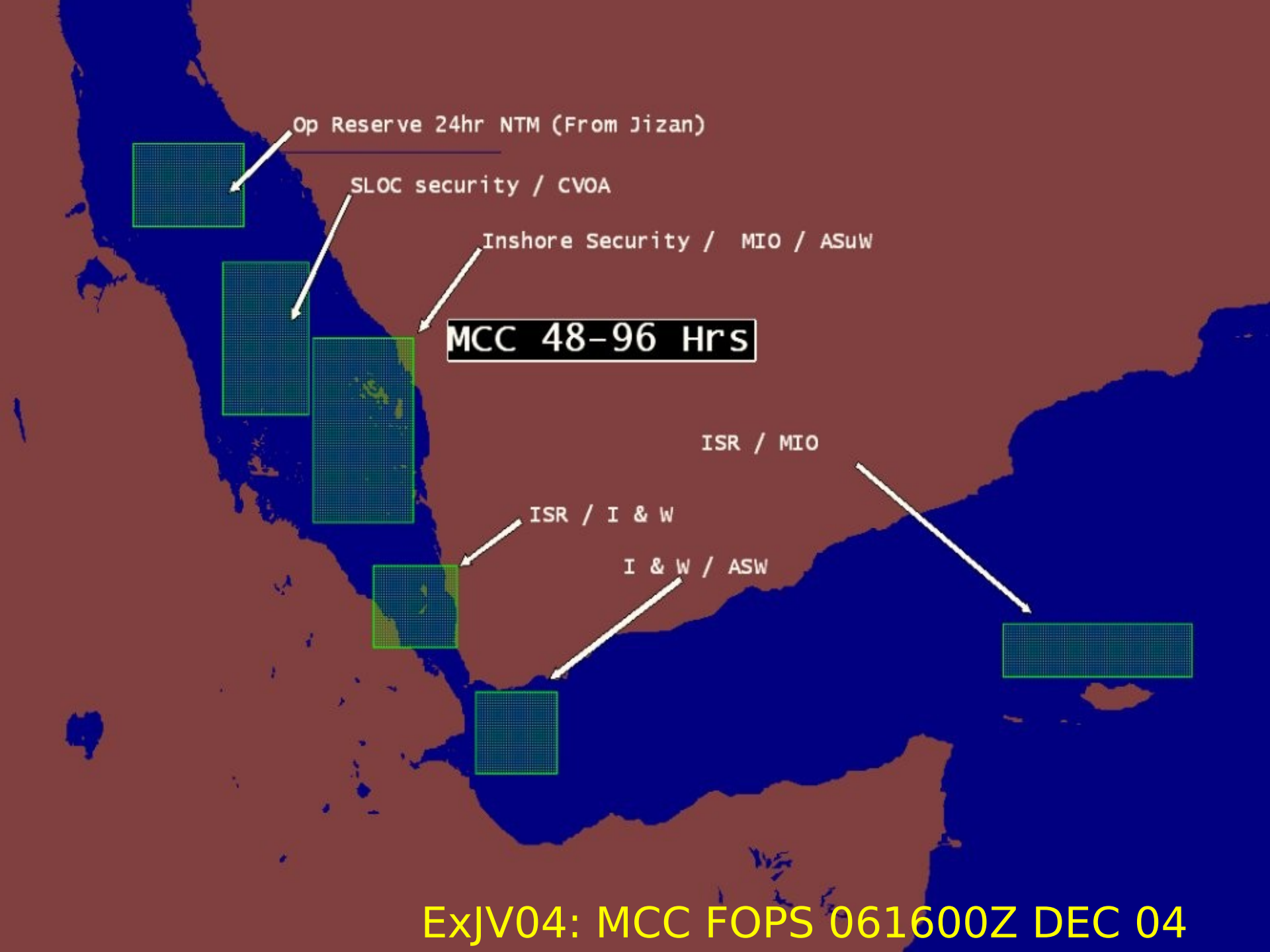
COSARRCS KEY ISSUES LIST

SERIAL	TASK	TASKED BY	RECEIVED DTG	TASKED HQ	TASKED BRANCH	STATUS		INTERNAL DEADLINE (AND SIGNATORY)	EXTERNAL DEADLINE
149	CONFIRM WITH CJ LEGAL WHO SHOULD RECEIVE COPY OF DRAFT ARMISTICE AGREEMENT. INFORM MA DCOMARRC WITH RESULTS REGARDING ISSUE DRAFT ARMISTICE TO CL PRESIDENT.	COSARRC	110830ZNOV04	MAIN	POLAD			111500ZNOV04	
148	FRAGO TO ATG TO PROVIDE REPORT ON UMM QASR AND A POC FOR RSC.	COSARRC	110830ZNOV04	MAIN	G3 OPS	ACTION COMPLETE		111100ZNOV	
147	FRAGO FOR JMC AT 1 (UK) ARMD DIV	COMARRC	110700ZNOV04	MAIN	JEB SUPPORTED BY G5			111500ZNOV04	
146	CONFIRM C2 ARRANGEMENTS IN AL KUT.	COMARRC	110700ZNOV04	MAIN	G3 OPS	TASK COMPLETE.		TBD	
145	G2 TO PREPARE AND BRIEF NEW PIRS.	COMARRC	110730ZNOV04	MAIN	G2			111630ZNOV04	
144	ASSESSMENT ON THE THREAT AND LCC CURRENT STATE OF READINESS TO MOVE INTO A COIN CAMPAIGN.	COM-CJTF	101227ZNOV04	MAIN	G5 WITH G2 SUPPORTING	TASK COMPLETE.		101630ZNOV04	101800ZNOV04
143	THE POTENTIAL FOR THE PROVISION OF 'HUMANITARIAN CORRIDORS'.	COM-CJTF	101227ZNOV04	MAIN	G5 WITH G9 SUPPORTING	TASK COMPLETE.		101630ZNOV04	101800ZNOV04
142	ADVICE ON THE CAPAPCITY OF THE UN SRSG TO TAKE A LEAD ROLE POST HOSTILITIES.	COMCJTF	101227ZNOV04	MAIN	G5 WITH G9 SUPPORTING	TASK COMPLETE.		101630ZNOV	101800ZNOV04
141	PRM 10 NOV TO COVER: 1. ACTIONS ON CESSATION OF HOSTILITIES 2. COA AZIMUTH CHECK 3. TRANSITION TO CJTF OUTPUT IS THE ISSUE OF A FRAGO BY 102359Z COVERING ACTIONS ON CESSATION OF HOSTILITIES.	COSARRC	100930ZNOV04	MAIN	G5	PRM TO BE HELD AT 101900ZNOV04. TASK COMPLETE		102359ZNOV04	
140	ISSUE FRAGO TO 12 (FR) AD AND (IT) ACQUI DIV CONFIRMING INTENT FRO OPERATIONS ON LCC N FLANK.	COSARRC	100930ZNOV04	MAIN	DCOS OPS	FRAGO 167 REFERS. TASK COMPLETE.		101900ZNOV04	
139	PRIORITISE TASKS OF 25 (HU) MECH BDE AND ISSUE ADDITIONAL CLARIFICATION REQUESTED ON TASKS.	COSARRC	100930ZNOV04	MAIN	DCOS OPS	FRAGO 160 REFERS. TASK COMPLETE.		101200ZNOV04	
138	CLARIFY CJTF INTENT IN RESPECT OF THE	COSARRC	100930ZNOV04	MAIN	G5	CSS DIV RECOMMEND THAT THERE IS NO		101900ZNOV	

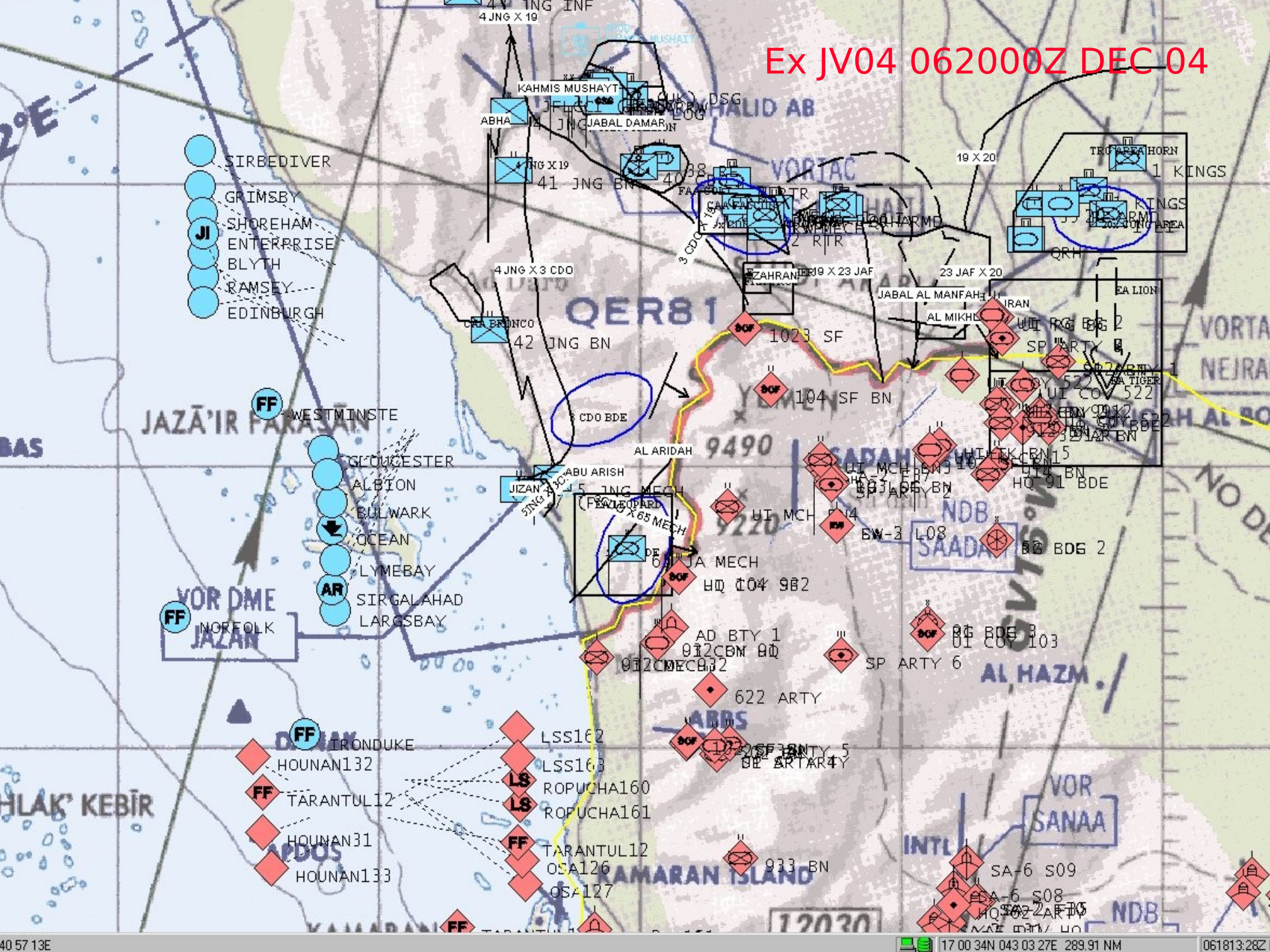
http://arrcweb/RESOURCES/KEY_ISSUES/DEFAULT.asp
Local intranet
Start
Toolbar
<<< MCI HOMEPAGE ...
Inbox - Microsoft Outlook
120804-1704-NR-'04 CS I...
13:4



ExJV04: Mar Snapshot - Battle of Arisan 071430 Dec 04



ExJV04: MCC FOPS 061600Z DEC 04


Ex JV04 062000Z DEC 04
4 JNG X 19
KAHMIS MUSHAYT
ABHA
JABAL DAMAR
41 JNG BN
SIRBEDIVER
GRIMSBY
SHOREHAM
ENTERPRISE
BLYTH
RAMSEY
EDINBURGH
4 JNG X 3 CDO
42 JNG BN
QER81
1023 SF
104 SF BN
19 X 20
23 JAF X 20
JABAL AL MANFAH
AL MIKHL
1 KINGS
KINGS
QRH
EA LION
EA TIGER
UI COY 522
3 CDO BDE
AL ARIDAH
ABU ARISH
JIZAN
5 JNG MECH
JAZĀ'IR FARASĀN
WESTMINSTE
GLOUCESTER
ALBION
BULWARK
OCEAN
LYMEBAY
SIRGALAHAD
LARGSBAY
NORFOLK
VOR DME
JAZAN
9490
9220
NDB
SAADA
HQ 91 BDE
AD BTY 1
SP ARTY 6
AL HAZM
622 ARTY
IRONDUKE
HOUNAN132
TARANTUL12
HOUNAN31
HOUNAN133
LSS162
LSS163
ROPUCHA160
ROPUCHA161
TARANTUL12
OSA126
OSA127
KAMARAN ISLAND
933 BN
VOR
SANAA
INTL
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SA-6 S08
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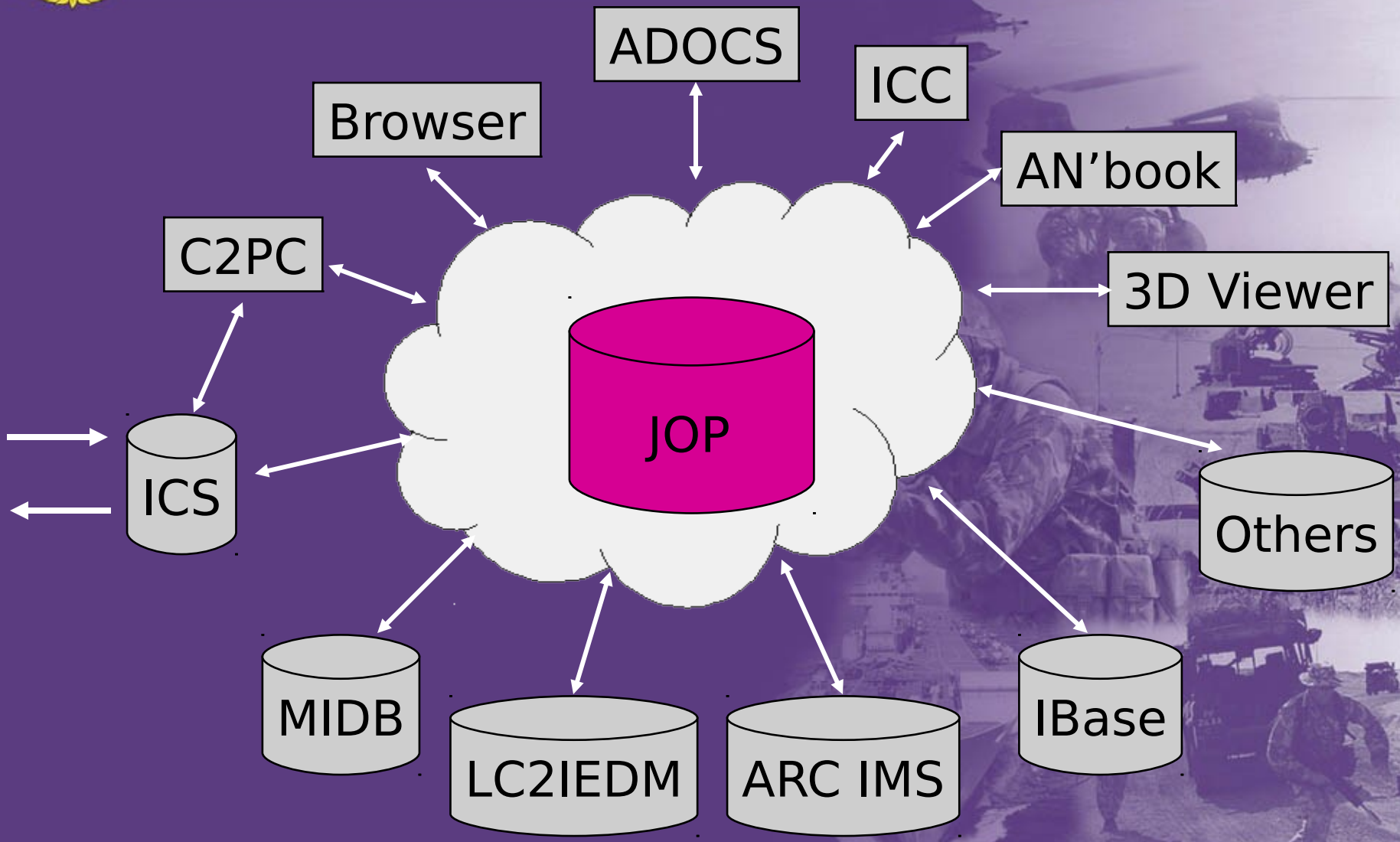
061813:28Z

Future JOP?


ADOCS
ICC
Browser
AN'book
C2PC
3D Viewer
JOP
ICS
Others
MIDB
LC2IEDM
ARC IMS
IBase

Final Thought …

- UK PJHQ & HQ USEUCOM?
  - Improve collaboration
  - Web & COP